S/181/63/005/002/038/051
B102/B186

Temperature of the elastic ...

$\leftarrow - E_{110} = 2.10 \longrightarrow$

2.17	2.14	2.13	2.03	2.08
sample				piezoquartz

$(E_{110})_{mean} = 2.11$. From the E(T) and G(T) resp., s(T) graphs obtained for a series of samples it can be seen that elastic anisotropy increases with temperature. The exponential rise of $s_{44} = G^{-1}_{100}$ cannot be explained by theory. The mean values of $s_{11} = E^{-1}_{100}$, $s_{12} = E^{-1}_{110} - \frac{1}{2}G^{-1}_{110}$ and s_{44} obtained for CsBr (0.34, 0.96 and $-0.08 \cdot 10^{-11}$ cm^2/dyne) by extrapolating from room temperature to 0°K, are compared with the theoretical values of K. S. Krishnan and S. K. Roy (Proc. Roy. Soc. London, 210, 481, 1952) and experiments at 4.2°K by B. Marshall (Phys. Rev. 121, 72, 1961). Agreement is good, except for s_{44}. There are 5 figures and 2 tables.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe AN SSSR, Leningrad (Physicotechnical Institute imeni A. F. Ioffe AS USSR, Leningrad)

Card 2/3

S/181/63/005/002/038/051
B102/B186

Temperature of the elastic ...

SUBMITTED: September 24,1962

Card 3/3

TATARCHENKO-SHADRO, L. A. --doyarka

Five thousand kilograms of milk! Nauka i pered.op.v sel'khoz. 7 no.7: 26 Jl '57. (MLRA 10:8)

1.Kolkhoz imeni Kirova, Staro-Minskogo rayona, Krasnodarskogo kraya. (Dairying)

KOSTOMAROV, M.I.; TATARCHENKOV, P.S.; TOKAREV, A.I.

Automatic proportioning device for mineralizing additions. (MIRA 18:7)
Ogneupory 29 no.10:440-442 '64.

1. Pervoural'skiy dinasovyy zavod.

KRASOVSKIY, S.A.; KONEVKIN, I.I.; TATARCHEVSKIY, V.F., redaktor; KEL'-NIK, V.P., redaktor; KOVALENKO, N.I., tekhnicheskiy redaktor.

[Rapid repair of open-hearth furnaces] Skorostnye remonty martenovskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1954. 196 p. (MLRA 8:1)
(Open-hearth process)

TATARCHUK, G. M.

TATARCHUK, G. M.- "Investigation of the Turning of a Caterpillar Tractor." Min of Higher Education USSR, Leningrad Agricultural Inst, Leningrad, 1955 (Dissertation for Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

TATARCHUK, G.M., kand. tekhn. nauk

Using dynamometric links for investigating components of turn resistance in tracks-laying tractors. Trakt. i sel'khozmash. no.2: 5-7 F '58. (MIRA 12:3)

1.Stalingradskiy sel'skokhozyaystvennyy institut.
(Tractors)

SOV/124-57-4-4248

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 56 (USSR)

AUTHOR: Tatarchuk, G. T.

TITLE: The Local Resistance of Cast-iron Crosses (Mestnyye soprotivleniya chugunnykh krestovin)

PERIODICAL: V sb.: Vopr. otopleniya i ventilyatsii, Nr 3, Moscow, 1956, pp 49-83

ABSTRACT: The paper describes the results of an experimental investigation of malleable-cast-iron crosses, viz., straight 3/4-inch and 1-inch diameter crosses made in accordance with GOST-763 and reducing crosses (GOST-764) with diameters of 3/4 x 1/2 inch, 17 [sic!] x 1/2 inch, 1 x 3/4 inches, and 1-1/4 x 3/4 inches. The experimental investigations were made with water at the TsNIPS [Tsentral'nyy nauchno-issledovatel'nyy institut promyshlennykh sooruzheniy (Central Scientific-research Institute of Industrial Structures]. A scheme of the test installation is adduced and the methodology of the experiment is described. The investigation of the crosses was made under conditions of flow branching as well as flow convergence. The changes in the relative flow rate in the branches as a rule ranged from 0 to 1.

Cards 1/2

SOV/124-57-4-4248

The Local Resistance of Cast-iron Crosses

Graphs are adduced for the resistance coefficients for all the various operational conditions of the crosses; the experimental points in a great number of instances exhibit wide scattering. The paper submits tables, obtained from averaged graphs, of the resistance coefficients for three relative diameters of the crosses (i. e., the ratio of the branch diameter to the main-run diameter of the cross) equal to 1, 0.76 and 0.51 with different relative flow rates in the branches (from 0 to 1). The author makes a comparison of the mean results of the TsNIPS investigation with other experimental and theoretical investigations on the resistance coefficients of crosses and Tees and Y's. It is established that there are some basic discrepancies in the results of such investigations. Sample calculations are submitted for the determination of the pressure loss in crosses in accordance with the results obtained by the TsNIPS. The author states that there is a considerable difference between the values of the pressure losses as determined by the TsNIPS and the GOST.

B. I. Yan'shin

Card 2/2

SOV/124-58-1-809

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 105 (USSR)

AUTHOR: Tatarchuk, G. T.

TITLE: Thermotechnical and Aerohydraulic Tests of the Water-air Heat-exchange Radiator GSTM Model 7B12 (Teplotekhnicheskiye i aerogidravlicheskiye ispytaniya vodovozdushnogo kalorifera GSTM modeli 7B12)

PERIODICAL: V sb.: Vopr. otopleniya i ventilyatsii. Moscow.-1956, Nr 3, pp 95-105

ABSTRACT: A presentation of the results of tests of a modified GSTM radiator with steam and water heating. In order to increase the heat-transfer coefficient by increasing the speed of motion of the water, baffles were installed in the radiator housing to ensure a circulatory motion of the water in the radiator pipes. The test results are presented in the form of graphs and formulas. The thermotechnical and hydraulic performance parameters of the radiator tested are compared with the performance parameters of the 6B10 radiator which has parallel motion of the water in the pipes.

I. E. Shepelev

Card 1/1

ANANIKYAN, L.P.; TATARCHUK, G.T.

Actual testing of radiant heating systems with air heated ceiling panels. Sbor.trud.NIIST no.1:5-42 '58. (MIRA 12:1)
(Radiant heating) (Hot-air heating)

TATARCHUK, G.T.

Local resistance of certain gas- and water-pipe fittings. Sbor. trud.NIIST no.1:43-59 '58. (MIRA 12:1)
(Pipe fittings)

TATARCHUK, G.T.

Hydraulic characteristics of some frequently employed units in single-pipe heating systems with straight closing sections. Vod.i san.tekh. no.9:5-8 S '59. (MIRA 12:12)
(Heating pipes)

TATARCHUK, G.T.

Using models to study the ventilation of the main building of a block-type thermal electric plant. Sbor. trud. NIIST no.7:121-133 '61. (MIRA 15:1)
(Electric power plants--Heating and ventilation)

TATARCHUK, G.T.

Actual examination of the aeration and microclimate of the main building of the Simferopol State Regional Electric Power Plant. Sbor.trud.NIIST no.9:84-94 '61. (MIRA 15:8)
(Simferopol--Electric power plants--Heating ventilation)

TATARCHUK, G.T., kand.tekhn.nauk

Determining the temperature of air fed to two-sided lateral air curtains. Vod. i san. tekh. no.10:2-5 O '64. (MIRA 18:3)

TATARCHUK, G.T., kand.tekhn. nauk

Water-current spectra in the cross pieces of water-gas pipes. Vod. i san. tekh. no.2:33-36 F '65. (MIRA 18:4)

TATARCHUK, N.Ya.

Use of vitamin B12 in diseases of the peripheral nervous system. [with summary in French]. N.I.A. Zhur.nevr. i psikh. 58 no.2:214 '58. (MIRA 11:5)

1. Teplikskaya rayonnaya bol'nitsa (glavnyy vrach S. Ye. Labinskiy) Vinnitskoy oblasti.
(VITAMINS -- B)
(NERVOUS SYSTEM -- DISEASES)

TATARCHUK, N.Ya.

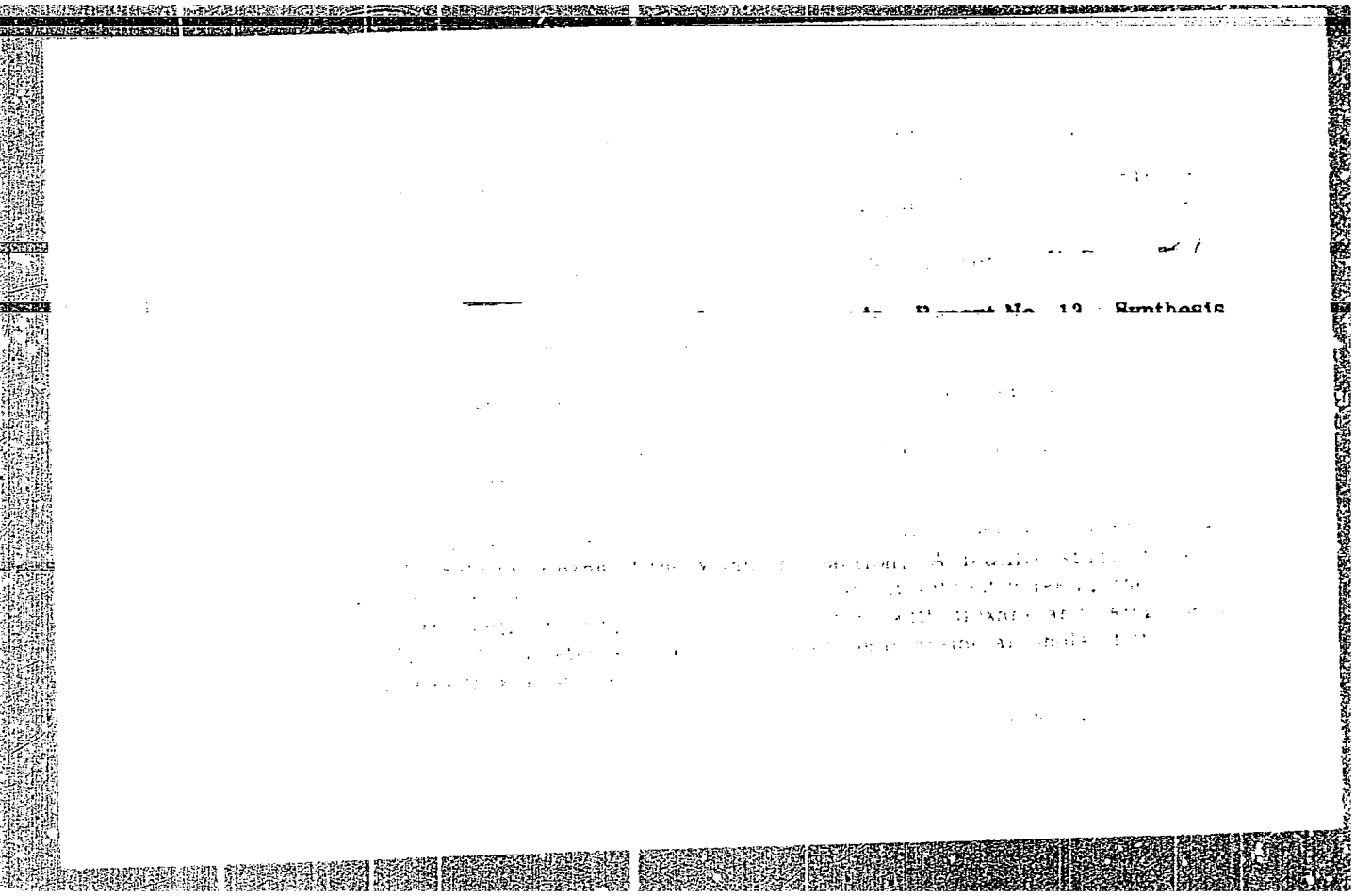
Symptomatic radiculitis. Vrach.delo no.e:148-149 Mr '63.
(MIRA 16:4)

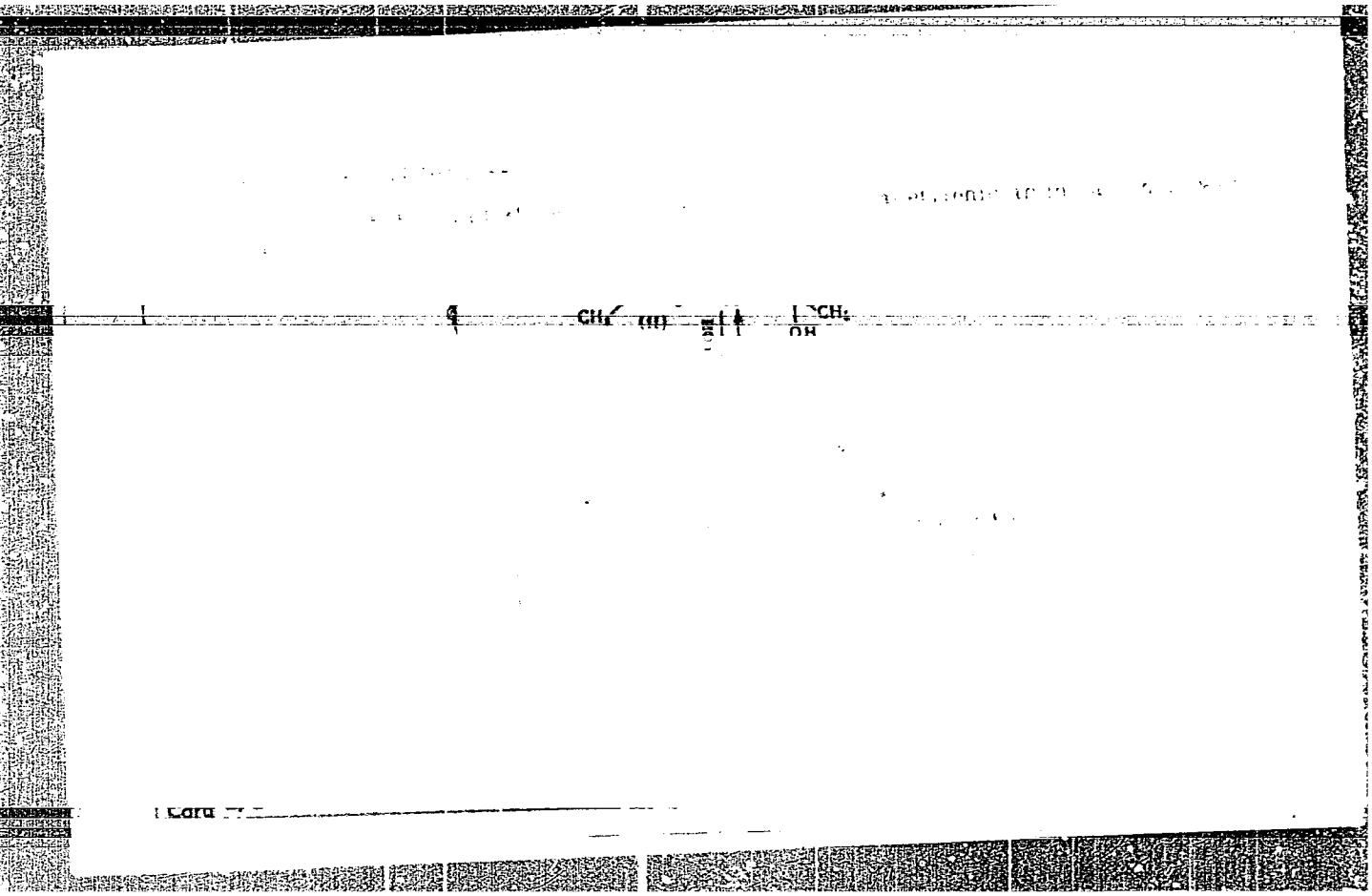
1. Teplikskaya rayonnaya bol'nitsa Vinnitskoy oblasti.
(NERVES, SPINAL--DISEASES)

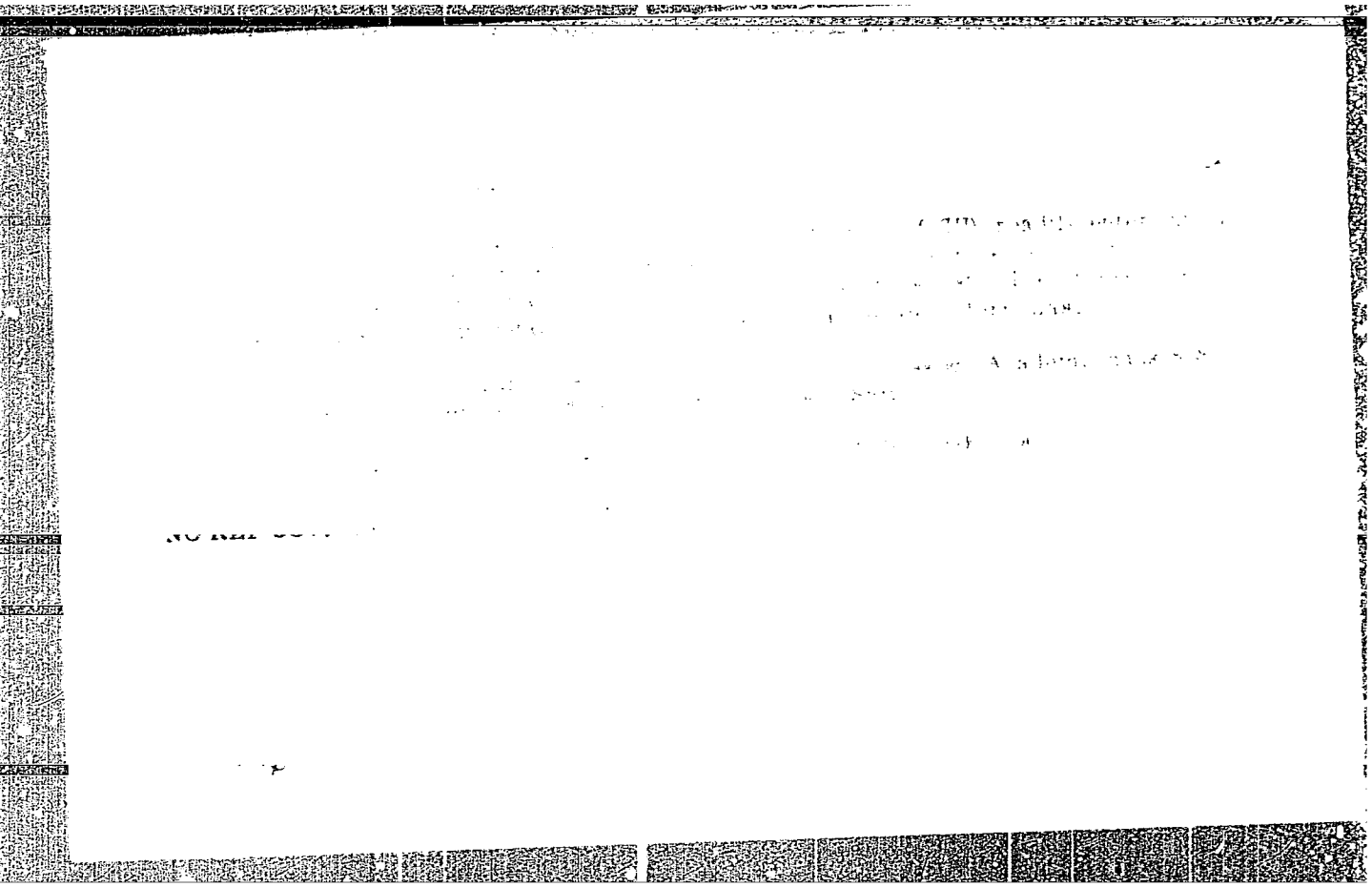
AZERBAYEV, I.N.; GUSEV, V.P., kand.khim.nauk; TATARCHUK, V.V.; SHOVKAN', A.Ya.

Synthesis of propargylamines. Vest. AN Kazakh. SSR 20 no.4:60-62 Ap '64. (MIRA 17:9)

1. Chlen-korrespondent AN KazSSR (for Azerbayev).







ACC NR: AP6025397 SOURCE CODE: UR/0062/66/000/007/1209/1213

AUTHOR: Gusev, B. P.; Tatarchuk, V. V.; Azerbayev, I. N.; Kucherov, V. F.

ORG: Institute of Organic Chemistry, Academy of Sciences SSSR (Institut organicheskoy khimii im. N. D. Zelinskiy Akademii nauk SSSR)

TITLE: Chemistry of polyene and polyacetylene compounds. XVIII. Amines of the diacetylene series

SOURCE: AN SSSR. Izv. Ser khim, no. 7, 1966, 1209-1213

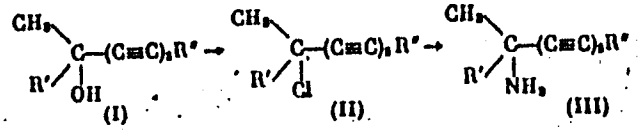
TOPIC TAGS: amine synthesis, diacetylenic amine, dialkylaminoacetamino-diacetylene, ACETYLENE, AMINE, POLYMER CHEMISTRY

ABSTRACT:

Acetylenic amines are of interest because of their potential physiological activity. At room temperature in the presence of HCl and $CaCl_2$, tertiary diacetylenic alcohols (I) react with hydroquinone to form alkylchloro-diacetylenes (IIa, IIb, IIc, and IId). Reactions of the latter with sodium amide at room temperature yielded the primary amines of diacetylene series (IIIa, IIIb, IIIc, and IIId):

Card 1/4 UDC: 542.91+547.362

ACC NR: AP6025997



(I) (II) (III)

a) R'=CH$_3$, R"=H; b) R'=C$_2$H$_5$, R"=H;
c) R'=CH$_3$, R"=C$_3$H$_6$; d) R'=C$_2$H$_5$, R"=C$_4$H$_9$

Composition and physical constants of the chlorodiacetylenes and amino-diacetylenes are given in the Table. N-Alkylation of IIIa with ethyl tosylate yielded the secondary amine VII, bp 46—47°C; alkylation of sodium derivative of IIIa with ethyl bromide at the terminal acetylene group in liquid ammonia yielded IIIb; IIIa is also easily converted in

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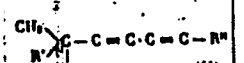
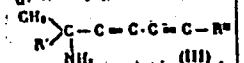
ACC NR: AP6025397

Table 1.

Formula	Yield, %	mp., °C (p_1 mm Hg)	n_D^{20}	ν, cm⁻¹	Found, % C	Found, % N	Found, % Cl	Found, % N	Calculated, % C	Calculated, % N	Calculated, % Cl	Calculated, % N
 (II)												
a) R' = CH_3, R'' = H	91.1	29—30(6)	1.4926	2101, 2280	66.44	5.63	27.8	-	66.42	6.87	26.01	-
b) R' = C_2H_5, R'' = H	74.8	48—49(10)	1.5030		68.14	6.23	25.58	-	68.34	6.45	25.3	
c) R' = CH_3, R'' = C_4H_9	77.6	98—99(20)	1.5126		69.82	7.04	22.57	-	69.90	7.13	22.97	-
d) R' = C_2H_5, R'' = C_4H_9	40	78—80(0.9)	1.5218		73.14	8.78	18.06	-	73.21	8.77	18.02	-
 (III)												
a) R' = CH_3, R'' = H	54.1	45—46(7)		2086, 2250	78.14	8.72	—	13.46	78.46	8.50	—	13.07
	46.4	mp.15—16			79.01	9.24	—	11.38	79.29	9.15	—	11.56
b) R' = C_2H_5, R'' = H	41.8	52—53(7)	1.4964		79.84	9.61	—	10.28	79.95	9.69	—	10.36
c) R' = CH_3, R'' = C_4H_9	40.9	76—76(7)	1.5148		81.16	10.68	—	7.84	81.30	10.80	—	7.90
d) R' = C_2H_5, R'' = C_4H_9		74—75(0.85)	1.5232	2136, 2232, 2248								

VIII, which was used in the Mannich reaction to obtain 1-dialkylamino-6-acetylamino-6-methyl-2, 4-heptadiynes, e.g., IXa. The reaction of IIa

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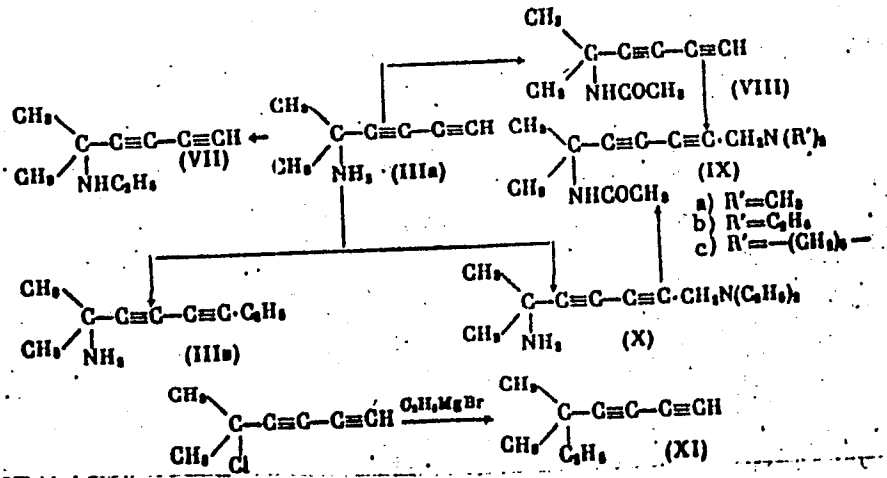
ACC NR: AP6025397

with ethylmagnesium bromide yielded 5,5-dimethyl-1,3-heptadiyne (XI); bp 53—54°C (40 mm), n_D^{19} 1.4888:



Orig. art. has: 1 table. [W.A. 50; CBE No. 10]

SUB CODE: 07/ SUBM DATE: 20Jan64/ ORIG REF: 002/ OTH REF: 006

Card 4/4

VINOSLAVSKIY, V.N., kand.tekhn.nauk; TATARCHUK, V.Ye., insh.

Characteristics of the remote control of coal mine sections.
Ugol' Ukr. 7 no.11:32-35 N '63. (MIRA 17:4)

1. Kiyevskiy politekhnicheskiy institut.

TATARCZUK, Jozef

Technical transportation rules, proper basis for organizing the conveying in plants. Wiad hut 15 no.10:321-322 O '59.

NEY, Bogdan, mgr., inz.; TATARCZYK, Jerzy, mgr., inz.

Recruiting students for the 1st year of studies at the faculty of Mine Surveying, Mining and Founding Academy in 1961. Przegl geod 33 no.11:402-406 '61.

TATARCZYK, Jerzy

Students of the Faculty of Mining Geodesy of the School of Mining and Metallurgy on practical training in Bulgaria. Przegl geod 36 no. 1:28-29 Ja '64.

ZAKHAROV, N.P., inzh.-podpolkovnik, letchik pervogo klassa;
TATARENCHIK, V.S., inzh.-podpolkovnik

Flying in a slip stream. Vest.Vozd.Fl. no.6:61-66 Je '60. (MIRA 13:7)
(Airplanes--Piloting)

TATARENCHIK, V.S.

O nekotorykh chastnykh resheniiakh uravnenii gazovoi dinamiki. (Prikladnaia matematika i mekhanika, 1944, v.8, no. 5, p.401-412)

Summary in English

Title tr.: Some special solutions for equations of gas dynamics.

QA801. P7 1944

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

BELOTSERKOVSKY, S. M.; SULKHORUKIKH, V. S.; TATARENCHIK, V. S.(Moscow)

"Investigation of three-dimensional gas flows on the basis of quantitative optical methods"

report presented at the 2nd All-Union Congress on Theorectical and Applied Mechanics, Moscow, 29 Jan - 5 Feb 1964.

ACCESSION NR: AP4041197

S/0207/64/000/003/0095/0099

AUTHORS: Belotserkovskiy, S. M. (Moscow); Sukhorukikh, V. S. (Moscow); Tatarenchik, V. S. (Moscow)

TITLE: Determination of the density field of a three-dimensional gas dynamical flow by optical methods

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 3, 1964, 95-99

TOPIC TAGS: gas flow, gas dynamics, gas density measurement, interferometer

ABSTRACT: A method is described for determining gas densities in a three-dimensional gas dynamical flow by optical measurements. Figure 1 on the Enclosure is a section perpendicular to the direction of the undisturbed gas flow, taken as the x axis. The disturbed region is contained between the solid (1), whose contour is $t = t(\tau)$, and the outer boundary (2), whose contour is $R = R(\tau)$. In supersonic flow the head shock wave is the outer boundary. The z_k axis is in the direction of the incident light (wavelength λ). A particular light ray enters and leaves the disturbed region at the points y_k, z_{k1} and y_k, z_{k2} respectively. The maximum values of y_k for the contours of the solid and the outer boundary are h_k and H_k,

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respectively. The density in the section x = const as a function of the polar angle γ and the dimensionless radial coordinate

$$\xi = \frac{r - t}{R - t}$$

are represented in the form

$$\rho(\xi, \gamma) = \sum_{m=0}^{q_0 - 1} \rho_m(\xi) \cos^m \gamma$$

where q is related to the number of independent values of φ_k ($0 < \varphi_k < \pi$) used in making the optical measurements. The density can be found from the system of integral equations

$$\sum_{m=0}^{q_0 - 1} \int_{z_{k1}}^{z_{k2}} \rho_m(\xi) \cos^m \gamma \, dz_k = z_{k2} - z_{k1} + \varepsilon_k m_k(\zeta)$$

$$\zeta = \frac{y_k - h_k}{H_k - h_k} \qquad (k = 1, 2, \ldots, q)$$

$$\varepsilon_k = \frac{\rho_0 \lambda}{\rho_\infty (n_0 - 1)}$$

Card 2/4

ACCESSION NR: AP4041197

where ρ_0 and n_0 are the density and index of refraction of the gas at standard conditions and ρ_∞ is the density in the undisturbed current. The function $m_k(y_k)$ determined by interference measurements expresses the change of the optical path length of light passing through the disturbed region along the chord y_k = const. The procedure is illustrated with gas flow (Mach 3.5 and 4.2) about a 30° cone whose axis is inclined 7½° away from the direction of the undisturbed flow. Photographs made using an interferometer are shown from which the functions m_k were determined. Graphs of the gas density as a function of γ and ξ are presented. Orig. art. has: 23 equations and 8 diagrams.

ASSOCIATION: none

SUBMITTED: 29Feb64 ENCL: 01

SUB CODE: ME NO REF SOV: 002 OTHER: 001

Card: 3/4

ENCLOSURE: 01

ACCESSION NR: AP4041197

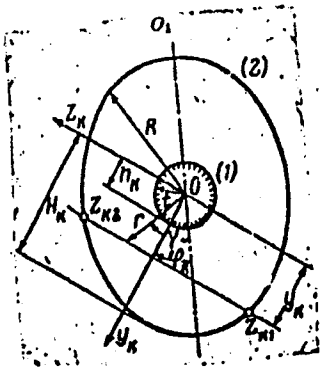


Fig. 1. Coordinates used in determining gas density by optical methods.

Card 4/4

GROMOVAYA, O.F.; TATARENKO, A.I.

Study of molasses. Sakh.prom. 37 no.2:19(99)-22(102) F '63.
(MIRA 16:3)

1. Bobrovitskaya gruppovaya laboratoriya.
(Molasses)

TARASENKO, A.M., inzh.; RUSHETNYAK, N.V., inzh.

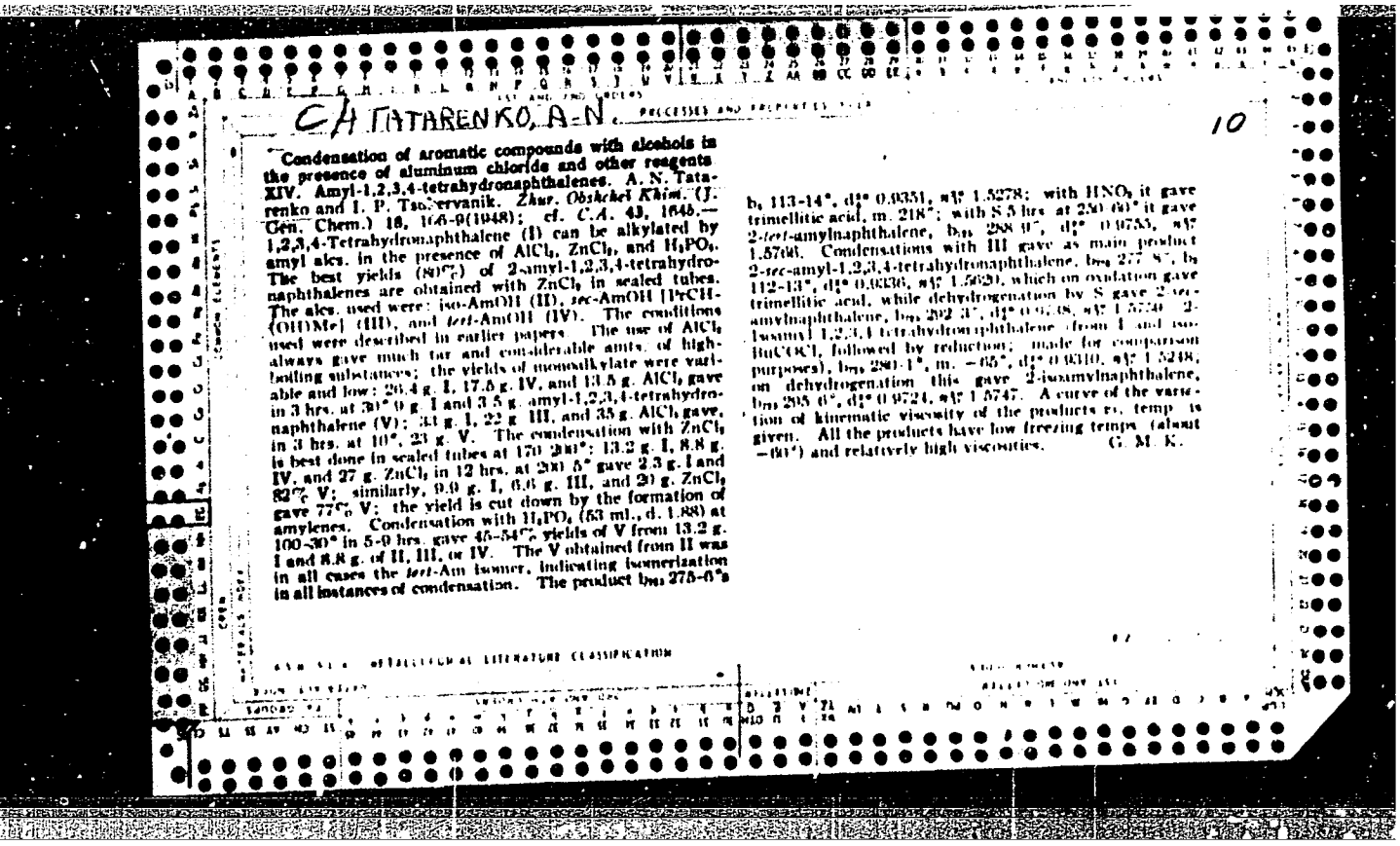
Shaft sinking without headframes. Shakht.stroi. [illegible]
([illegible])

(Mining engineering--Safety measures)
(Explosives--Storage)

TATARENKO, A.M., inzh.; CHAYKOVSKIY, Ye.N.

Use of anchoring as permanent supports. Shakht. stroi. no.5:21-23 '58. (MIRA 11:6)

1.Stroitel'noye upravleniye No.6 tresta Stalinshakhtostroy.
(Mine timbering)



CA TATARENKO, A.N.

10

Condensation of aromatic compounds with alcohols in the presence of aluminum chloride and other reagents. XIV. Amyl-1,2,3,4-tetrahydronaphthalenes. A. N. Tatarenko and I. P. Tsukervanik. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 18, 166-9(1948); cf. *C.A.* 43, 1646.—1,2,3,4-Tetrahydronaphthalene (I) can be alkylated by amyl alcs. in the presence of $AlCl_3$, $ZnCl_2$, and H_3PO_4. The best yields (80%) of 2-amyl-1,2,3,4-tetrahydronaphthalenes are obtained with $ZnCl_2$ in sealed tubes. The alcs. used were: iso-AmOH (II), *sec*-AmOH [PrCH(OH)Me] (III), and *tert*-AmOH (IV). The conditions used were described in earlier papers. The use of $AlCl_3$ always gave much tar and considerable amts. of high-boiling substances; the yields of monoalkylate were variable and low: 26.4 g. I, 17.5 g. IV, and 13.5 g. $AlCl_3$ gave in 3 hrs. at 30° 9 g. I and 3.5 g. amyl-1,2,3,4-tetrahydronaphthalene (V); 34 g. I, 22 g. III, and 35 g. $AlCl_3$ gave, in 3 hrs. at 10°, 23 g. V. The condensation with $ZnCl_2$ is best done in sealed tubes at 170-200°; 13.2 g. I, 8.8 g. IV, and 27 g. $ZnCl_2$ in 12 hrs. at 200.5° gave 2.3 g. I and 82% V; similarly, 9.9 g. I, 6.6 g. III, and 20 g. $ZnCl_2$ gave 77% V; the yield is cut down by the formation of amylenes. Condensation with H_3PO_4 (53 ml., d. 1.88) at 100-30° in 5-9 hrs. gave 46-54% yields of V from 13.2 g. I and 8.8 g. of II, III, or IV. The V obtained from II was in all cases the *tert*-Am isomer, indicating isomerization in all instances of condensation. The product bas 275-6°, b$_6$ 113-14°, d_4^{20} 0.9351, n_D^{20} 1.5278; with HNO_3 it gave trimellitic acid, m. 218°; with S 5 hrs. at 230-60° it gave 2-*tert*-amylnaphthalene, bas 288.0°, d_4^{20} 0.9755, n_D^{20} 1.5700. Condensations with III gave as main product 2-*sec*-amyl-1,2,3,4-tetrahydronaphthalene, bas 277.8°, b$_6$ 112-13°, d_4^{20} 0.9336, n_D^{20} 1.5020, which on oxidation gave trimellitic acid, while dehydrogenation by S gave 2-*sec*-amylnaphthalene, bas 292.3°, d_4^{20} 0.9138, n_D^{20} 1.5720. 2-Isoamyl-1,2,3,4-tetrahydronaphthalene (from I and iso-BuCOCl, followed by reduction; made for comparison purposes), bas 280-1°, m. −65°, d_4^{20} 0.9310, n_D^{20} 1.5248; on dehydrogenation this gave 2-isoamylnaphthalene, bas 295.6°, d_4^{20} 0.9724, n_D^{20} 1.5747. A curve of the variation of kinematic viscosity of the products vs. temp. is given. All the products have low freezing temps. (about −60°) and relatively high viscosities. G. M. K.

TATARENKO, A. N.

PA 64T43

USSR/Chemistry - Tetralin
Chemistry - Alkylation

Jan 1948

"Condensation of Aromatic Compounds With Alcohols in the Presence of Aluminum Chloride and Other Reagents: XIV, Amyltetralins," A. N. Tatarenko and I. P. Tsukervanik, Lab of Org Chem, Cent Asiatic State U, 4 pp

"Zhur Obshch Khim" Vol XVIII (LXXX), No 1

Alkylation of tetralin with primary, secondary and tertiary amyl alcohols in the presence of aluminum chloride, zinc chloride and phosphoric acid was studied under conditions described in previous installments of this series, and theoretical yields of 32-82% of amyltetralin were obtained, with considerable resinification taking place, although the temperature was kept within 100 and 175°, the duration at 1-9 hours and no excess of aluminum chloride was used. Best yields of β-amyltetralins, 80% theoretical, were obtained with zinc chloride in sealed tubes at 200°. Submitted 28 Oct 1946.

64T43

USSR/Chemistry - Organometallic Compounds Jan 51

"Question of Splitting Off of Radicals in Organometallic Compounds. VIII. Splitting Off of Radicals by Action of Aluminum Chloride and Ferric Chloride on Triphenylbismuth and Triphenylantimony," Z. M. Manulkin, A. N. Tatarenko, Lab Org Chem, Tashkent Phar Inst

"Zhur Obshch Khim" Vol XXI, No 1, pp 93-98

Aluminum chloride actively dearylates triphenylbismuth and triphenylantimony in chloroform, with splitting off of 3 radicals; org Al compd are formed in case of triphenylbismuth. Reaction proceeds more easily for Bi

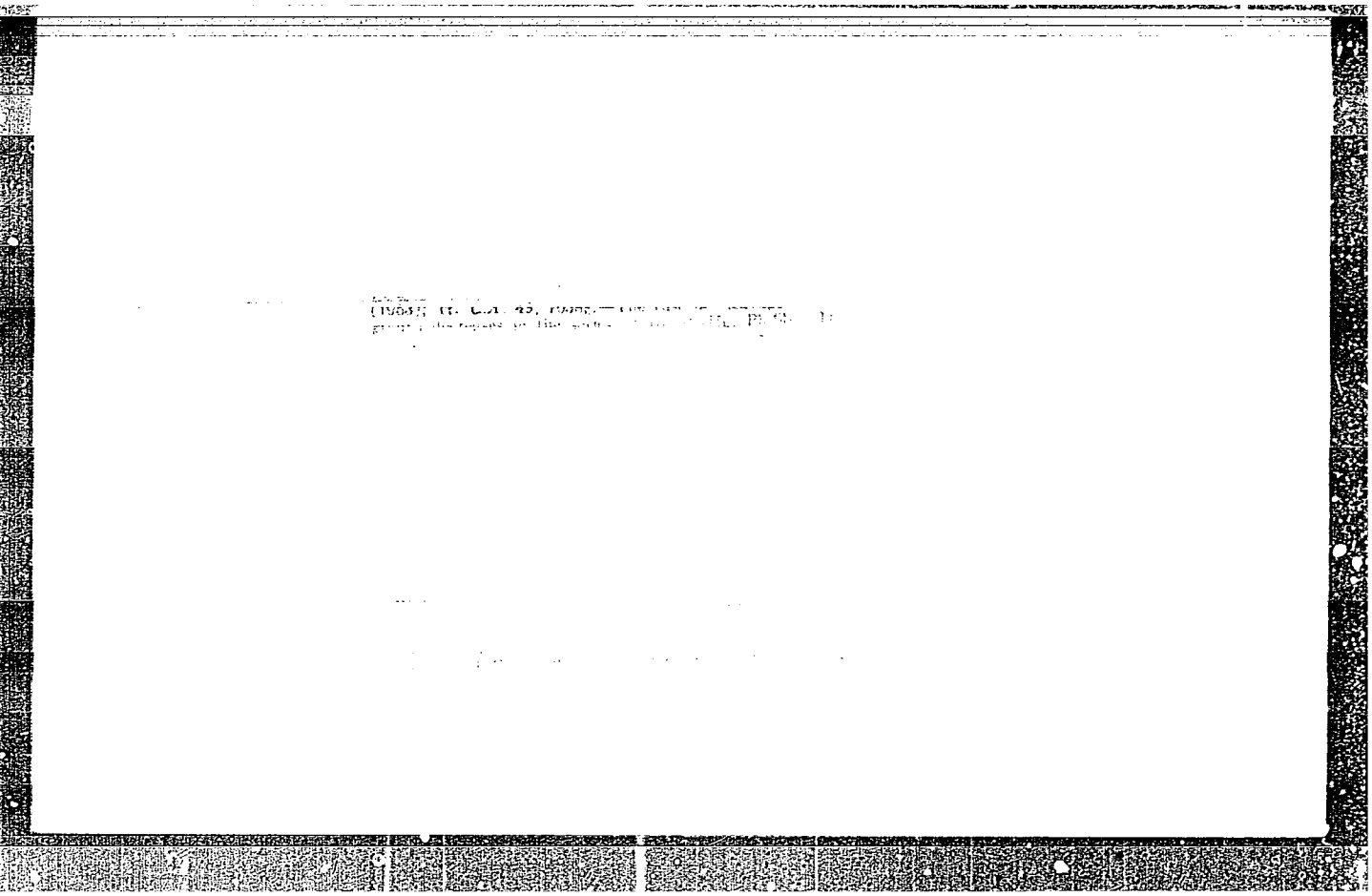
173T33

TATARENKO, A., N.,

USSR/Chemistry - Organometallic Compounds Jan 51 (Contd)

compd than Sb compd, confirming greater strength of Sb-C than Bi-C bond. Ferric chloride dearylates triphenylbismuth in chloroform less actively than aluminum chloride but does not dearylate triphenylantimony: Oxidation-reduction process occurs here. Triphenylbismuth behaves like tetraethyllead, showing similar strength of Bi-C and Pb-C bonds.

173T33



TATARENKO, A. N.; MANUILKIN, Z. M.; and YUSUPOV, F.

Concerning the Splitting Off of Radicals in Organo-Metallic Compounds. IX. Splitting Off of Radicals by Action of Bismuth Trichloride on $(C_6H_5)_nMe$ (wherein Me = Bi, Sb, Hg), page 1308, Sbornik statey po obshchey khimii (Collection of Papers on General Chemistry), Vol II, Moscow-Leningrad, 1953, pages 1680-1686.

Laboratory of Organic and Pharmaceutical Chemistry, Tashkent Pharmaceutical Inst

TATARENKO, A. N.

Chem

Chem. Abst.
V. 48,
Mar 10, 1954
Organic chem.

Synthesis of new antimony-organic compounds of type Ar_2SbR, where R is an aliphatic, aromatic or alicyclic radical. Z. M. Manulkin, A. N. Tatarenko, and F. Yu. Yusupov (Tashkent Pharm. Inst.). *Doklady Akad. Nauk S.S.S.R.* 88, 687–90(1953).—Prepn. of Ph_2SbCl from Ph_4Pb and $SbCl_3$ (Goddard, *et al.*, *C.A.* 16, 2355) yields the product as an oil; only after distn. *in vacuo* is it possible to obtain a solid material, m. 68°. The yield in this reaction is low. A better method follows. Ph_3Sn and $SbCl_3$ were heated and the product treated with MeOH and filtered; after 24 hrs. the filtrate readily yielded Ph_2SbCl, m. 67–8°, which with RMgX gave some 75% yields of Ph_2SbR [R, b.p./mm., d_4, n_D, δ (ergs/sq. cm.), and, in parentheses, t shown]: *Bu*, 188–92°/6–7, 1.3810, 1.0180, 44.7 (29°); *iso-Bu*, 180–5°/8–9, 1.3690, 1.6278, 41.48 (27°); iso pentyl, 195–200°/8–9, 1.3770, 1.0319, 46.7 (29°); $PhCH_2$, 224–5°/15–17, 1.3440, 1.6510, 40.8 (31°); C_6H_{11}, 213–16°/7–8, 1.3720, 1.6351, 43.25 (29°). $(C_6H_{11})_2Sb$, bu_{-11} 206–9°, was prepd. from RMgBr and $SbCl_3$. The Grignard reactions were run in an inert atm. The products of the type Ar_2SbR were liquids which turned to solids on standing owing because of radical disproportionation, which is accelerated by contact with air. $(C_6H_{11})_3Sb$ in contact with air is oxidized with evolution of heat and formation of a surface film; the oxidation product appears to be mixed R_2SbO and $R_2SbO.Sb_2O_3$. In all the Grignard reactions listed above there was always found a by-product corresponding to R_2, derived from RMgX.

G. M. Kosolapoff

NFT

MANULKIN, Z.M., dotsent; TATARENKO, A.N., dotsent

Industrial practice in pharmaceutical chemistry at the Tashkent Pharmaceutical Institute. Apt.delo 5 no.4:32-33 Jl-Ag '56. (MLRA 9:9)

1. Zaveduyushchey kafedroy farmatsevticheskoy khimii (for Manulkin)
(TASHKENT--CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

ANIZOV, M.A.; MANULKIN, Z.M.; TATARENKO, A.N.

Tashkent Pharmaceutical Institute is 25 years old. Uzb.khim. zhur. 6 no.5:87-88 '62. (MIRA 15:12)

1. Tashkentskiy farmatsevticheskiy institut.
(TASHKENT—PHARMACY—STUDY AND TEACHING)

TATARENKO, A.N.; MANULKIN, Z.M.

Synthesis of some tertiary R_3Sb-type stibines and their derivatives. Zhur. ob. khim. 34 no.10:3462-3465 O '64. (MIRA 17:11)

TATARENKO, A.S.

AUTHOR: AL'TSHULER, Yu.G., TATARENKO, A.S., GERCHIKOV, S.V. 109-5-11/22

TITLE: Calculation of Delay Systems of the Push-Pull Type. (Raschet zamedlyayushchey sistemy tipa sdvoyennykh "vstrechnykh" shtyrey, Russian)

PERIODICAL: Radiotekhnika i Elektronika, 1957, Vol 2, Nr 5, pp 609-617 (U.S.S.R.)

ABSTRACT: Formulae are derived for the potential, the current, the components of the electromagnetic field, and the wave resistance. The dispersion equation as well as an equation for the connecting resistance is set up.

In conclusion some results of calculations carried out with trial data are compared with one another. The dispersion curves for systems of a general nature and such in a wave guide are given. In both cases good agreement between experimental and computed data was obtained. Curves for the connecting resistance in systems with and without wave guides are shown.

For reasons of comparison the curves for the connecting resistances of the "push-pull" type and for simple ones are given,

Card 1/2

Calculation of Delay Systems of the Push-Pull Type.

and it is shown that in the first-mentioned case the connecting resistance in the case of a cophasal excitation is somewhat higher. (With 4 Illustrations and 1 Slavic Reference).

ASSOCIATION: State University Saratov. (Saratovskiy gosudarstvennyy universitet)

PRESENTED BY:
SUBMITTED: 25.4.1956
AVAILABLE: Library of Congress

Card 2/2

9,1400

S/194/62/000/006/155/232
D201/D308

AUTHORS: Al'tshuler, Yu.G., Tatarenko, A.S., and Gerchikov, S.V.

TITLE: The analysis of retarding systems of twin interlaced line stretcher type

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, 21, abstract 6Zh141 (Nauchn. yezhegodnik. Saratovsk. un-t. Fiz. fak. i N.-i. in-t mekhan. i fiz. 1955, Saratov, 1960, 100-107)

TEXT: The results of theoretical analysis of retarding systems of twin interlaced line stretcher type are given. The dispersion equation of the system is obtained. The expression for the coupling impedance is calculated. Comparison of coupling impedances of a single and twin line stretcher systems shows that, in the case of the in-phase excitation the coupling impedance of the twin system is greater. [Abstracter's note: Complete translation.]

Card 1/1

92590

S/194/62/000/005/105/157
D[illegible]0/D308

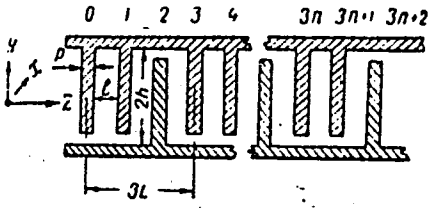
AUTHORS: Al'tshuler, Yu.G., and Tatarenko, A.S.

TITLE: Investigation of a type of opposite-stub delay system

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, 21, abstract 5zh154 (Uch. zap. Saratovsk. un-t, 1960, 69; 33-40)

TEXT: Opposite-stub delay system whose period consists of three conductors is investigated (see figure). The dispersion equation of the system, and an expression for the characteristic impedance are obtained. Comparison between theory and experiment is made for two modes. [Abstractor's note: Complete translation].

Fig.



Card 1/1

9,1300 25952 S/141/61/004/001/012/022
E033/E435

AUTHORS: Al'tshuler, Yu.G., Tatarenko, A.S. and Skorodumov, V.I.

TITLE: Two-row ladder delay system

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, 1961, Vol.4, No.1, pp.126-135

TEXT: Various variants of ladder-type delay systems find application in millimetric waveband oscillators and amplifiers. This article gives the results of a theoretical investigation into a two-row ladder delay system placed in waveguides having projections and troughs respectively. The cross-sections of such waveguide systems are divided into regions as shown in Fig.2a (projection-type) and Fig.2b (trough-type). Starting with expressions for the potentials and currents for each region and determining the amplitude coefficients from the boundary conditions, the dispersion equations for the symmetrical and anti-symmetrical modes respectively are obtained (for TEM-wave propagation through each region). To determine the components of the electromagnetic field the system is divided into 5 regions (Fig.3). For TEM-waves, the electric vector is obtained for each region by using the expression $\overline{E} = -\text{grad } V(x,y,z)$ and the magnetic field components by

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the relationships

$$H_x = -\sqrt{\frac{\varepsilon}{\mu}}\,E_z; \quad H_y = 0; \quad H_z = \sqrt{\frac{\varepsilon}{\mu}}\,E_x$$

Expressions for the coupling impedances for symmetrical and anti-symmetrical modes are also obtained. The effects of the geometrical dimensions of the waveguide system on the dispersion characteristics and on the coupling impedance are investigated for each type of waveguide:
waveguide with projections - the variable parameters are W_1($p = 1.5$ mm, $b = W_2 = q = 0.5$ mm);
waveguide with troughs - the variable parameter is W_2($p = 1.5$ mm, $b = W_1 = q = 0.5$ mm).
The results show that the two-row ladder system possesses a relatively wide passband, permits an increase in the interaction space of the electron flux and the high-frequency field, and offers possibilities for utilization in the uhf band. The coupling of such systems with symphase excitation is greater than for single-row ladder systems. By suitable choice of the dimensions of the system the widest passband for the symmetrical mode can be obtained and the

anti-symmetrical mode can be suppressed. The system when placed in a waveguide with a trough possesses a reverse zero harmonic which is particularly important in the construction of backward wave tubes. There are 12 figures and 5 references: 2 Soviet-bloc and 3 non-Soviet-bloc. The three references to English language publications read as follows: A.Karp, Proc.IRE, 45, 496 (1957); E.A.Ash, Proc.IEE, 105, 737 (1958); R.C.Fletcher, Proc.IRE, 40, 951 (1952).

ASSOCIATION: Saratovskiy gosudarstvennyy universitet
(Saratov State University)

SUBMITTED: June 16, 1960

AM4037190 BOOK EXPLOITATION S/

Al'tshuler, YU. G.; Tatarenko, A. S.

Low-power backward wave tubes (Lampy* maloy moshchnosti s obratnoy volnoy), Moscow, "Sovetskoye radio", 1963, 295 p. illus., biblio. 10,000 copies printed.

TOPIC TAGS: low power backward wave tube, electronics, low power backward wave generator, delay system

PURPOSE AND COVERAGE: The book considers the fundamentals of the theory and calculation of low power backward wave generators and gives the necessary information on their service parameters. The book can be used as an aid to radio engineers and students in advance courses of special schools.

TABLE OF CONTENTS [abridged]:

Card 1/2

AM4037190

SUB CODE: CO, EE SUBMITTED: 19Sep63 NR REF SOV: 092

OTHER: 075 DATE ACQ: 16Apr64

Card 2/2

L 10304-63 BDS

ACCESSION NR: AP3000158 S/0141/63/006/002/0348/0352

AUTHOR: Tatarenko, A. S. 47 46

TITLE: Multirow interdigital delay system with a half-period row shift

SOURCE: Izvestiya vysshikh uchebnykh zavedeniy, radiofizika, v. 6, no. 2, 1963, 348-352

TOPIC TAGS: interdigital delay system, BW tubes

ABSTRACT: A mathematical investigation of dispersion and coupling impedance of a four-row interdigital system is offered. The results were verified experimentally with the backward-wave tube equipped with the above delay system. Fig. 3 (see Enclosure 1) shows theoretical and experimental data for 3π/8 for two BW tubes. With [illegible] or voltages [illegible] obtained from a one-row-delay-system BW tube with delays of 10.3-13 (or voltages 2,300 - 1,500 v). For a multirow delay system without row shift, the longest-wave mode should be considered as a usable mode. With the row shift shorter-wave modes can also be used as [illegible] impedance is higher [illegible]

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L 10304-63
ACCESSION NR: AP3000158

3

case. "The author is thankful to his graduate students V. A. Kostyakov and A. A. Karpov who took part in calculations and in hooking up the oscillators." Orig. art. has: 12 equations and 3 figures.

ASSOCIATION: Saratovskiy gosudarstvenny*y universitet (Saratov State University)

SUBMITTED: 18Jun62 DATE ACQ: 12Jun63 ENCL: 01

SUB CODE: CO,RA NR REF SOV: 002 OTHER: 001

Card 2/3

GOL'DIN, M.L., kand.tekhn.nauk; LINETSKIY, I.R., inzh.; SVERDEL', E.I., inzh.; YUDOV, Yu.M., inzh.; TATARENKO, D.T., inzh.; TOMASHEVSKAYA, L.D., inzh.

Automatic control systems with a closed circuit for the grinding classification of iron ores. Gor.zhur. no.4:58-63 Ap '64. (MIRA 17:4)

1. Dnepropetrovskiy metallurgicheskiy zavod-vtuz (for Gol'din). 2. Bazovaya uzotopnaya laboratoriya Khar'kovskogo soveta narodnogo khozyaystva (for Linetskiy). 3. Yuzhnyy gornoobogatitel'nyy kombinat (for Sverdel', Udov, Tatarenko, Tomashevskaya).

VALENTIYEV, V.I., inzh.; GRITSAY, Yu.L., inzh.; TATARENKO, I.A., inzh.

Restoring the filtration properties of a capron cloth. Gor.zhur. no.3:70-71 Mr '65. (MIRA 18:5)

1. Novo-Krivorozhskiy gornoobogatitel'nyy kombinat.

TATARENKO, L.M.

Content of nicotinic acid in the blood and skin in patients with eczema. Vest.derm.i ven. no.11:24-27 '61. (MIRA 14:11)

1. Iz kliniki kozhnykh i venericheskikh bolezney (zav. - prof. A.S. Zenin) Kuybyshevskogo meditsinskogo instituta (dir. - kand. med.nauk D.A. Voronov).
(ECZEMA) (NICOTINIC ACID)

TATARENKO, L. M.

Activity of carbonic anhydrase in the blood and skin of patients suffering from disseminated forms of eczema. Vest. derm. i ven. no.2:45-48 '62. (MIRA 15:2)

1. Iz kliniki kozhnykh i venericheskikh bolezney (zav. kafedroy - prof. A. S. Zenin).

(CARBONIC ANHYDRASE) (ECZEMA)

TATARENKO, L.M.

Content of vitamins B_1 and B_2 in the blood and skin of eczema patients. Vest. derm. i ven. 38 no.12:23-27 D '64.
(MIRA 18:8)

1. Kafedra kozhnykh i venericheskikh bolezney (zav.- prof. A.S. Zenin) Kuybyshevskogo meditsinskogo instituta.

TATARCHENKO, L. P., Cand Phys-Math Sci -- (diss) "Spectral analysis of bounded and slowly increasing functions." Khar'kov, 1960. 9 pp; (Ministry of Higher and Secondary Specialist Education Ukrainian SSR, Khar'kov Order of Labor Red Banner State Univ im A. M. Gor'kiy); 150 copies; free; (KL, 27-60, 148)

APPROVED FOR RELEASE: 07/16/2001 CIA-RDP86-00513R001755110004-7"

TATARENKO, L.P.

Improving constantly the equipment and technology of coal mining.
Ugol' Ukr. 4 no.10:3-4 O '60. (MIRA 13:10)

1. Direktor Donetskogo ugol'nogo instituta.
(Ukraine--Mining research) (Coal mining machinery)

TATARENKO, L.P.

Immediate and future tasks of research in coal mining. Ugol' Ukr. 5 no.10:10-13 O '61. (MIRA 14:12)

1. Direktor Donetskogo nauchno-issledovatel'skogo ugol'nogo instituta.
(Coal mines and mining--Research)

TATARENKO, N., starshiy nauchnyy sotrudnik

Determining the indicies of the over-all mechanization level of loading and unloading operations. Mor.flot 22 no.1:10-11 Ja '62. (MIRA 15:1)

1. Odesskiy institut inzhenerov morskogo flota.
(Cargo handling--Equipment and supplies)

TATARENKO, N.I., insh.

Corrosion of condenser pipes in connection with the presence of nitrates and nitrites in the circulating water. Teploenergetika 6 no.12:38-42 D '59. (MIRA 13:3)

1.Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii elektrostantsiy.
(Condensers (Steam)--Corrosion)

TATARENKO, N.I., inzh.

Corrosion of network preheaters. Energetik 8 no.8:21 Ag '60.
(MIRA 13:10)
(Heating from central stations) (Water pipes—Corrosion)

TATARENKO, N.I., inzh.; POMIRCHIY, R.I., inzh.; MYAKAS, V.I., inzh.

Accelerated pre-start acid cleaning of a 150 Mw. block. Teploenergetika 10 no.10:59-62 O'63 (MIRA 17:7)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey i Litovskaya gosudarstvennaya rayonnaya elektrostantsiya.

TATARENKO, N. I., inzh.

Use of the AV-17 anion exchanger in a simplified desalting system.
Energetik 12 no.4:9-11 Ap '64. (MIRA 17:7)

TATARENKO, I.P.

Vrach. delo /The Medical Profession/, No 3, 1926, pp217-221.

TATARENKO, N. P.

33607 O nekotorykh Klinicheskikh Formakh Ekzogennykh Psikhozov (Ob Ekzogennom Oneyroide). Vchen. Zapiski (Chernovits. Gos. Med. In-t), t. 1, 1949, C. 120-27

About the clinical formation of exogenous psychoses

SC: Letopis'nykh Statey, Vol. 45, Moskva, 1949

TATARENKO, N.P.

Psychopathology of syndromes associated with the phenomenon of inert irritability of the cerebral cortex. Zh. vyssheĭ nerv. deiat. Pavlova 1 no.4:603-607 July-Aug 1951. (CIML 23:2)

1. Department of Psychiatry, Chernovitsy Medical Institute.

TATARENKO, N. P.

Development of the Pavlovian theory in clinical psychiatry.
Zh. nevropat. psikhiat., Moskva 52 no.3:3-8 Mar 1952. (CLML 22:2)

1. Professor.

TATARENKO, N.P.

Method of investigation and mechanism of pupillary participation in the orientation reaction under normal and pathologic conditions. (MLRA 8:1)
Vop. fiziol. no.6:3-9 '53.

1. Kafedra nervnykh bolezney Khar'kovskogo meditsinskogo instituta.
(PUPILS, physiology,
reflex in orientation reaction)
(PERCEPTION,
orientation reflex, pupillary participation)
(REFLEX,
pupillary, in orientation reaction)

1. TATARENKO, N. P.

2. USSR 600

4. Psychoses

7. Therapy by long interrupted sleep in the psychiatric clinic, Zhur. nevr. i psikh, 53, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

TATARENKO, N.P.

Pupillary component of the orientation reaction and prospects of its clinical study. Zhur.nerv.i psikh. 54 no.2:153-157 F '54. (MLRA 7:3)

1. Kafedra psikhiatrii Khar'kovskogo meditsinskogo instituta. (Orientation) (Pupil (Eye))

TATARENKO, N.P.

Pathophysiology of schizophrenia. Zhur. nerv. i psikh. 54 no.9: 710-714 S '54. (MIRA 7:9)

1. Kafedra psikhiatrii Khar'kovskogo meditsinskogo instituta.
(SCHIZOPHRENIA, pathology.)

TATARENKO, N.P.; APTER, I.M.

Career of Viktor Pavlovich Protopopov; on his 75th birthday and 50 years of scientific, pedagogical, and public activities. (MLRA 9:3)
Zh. vys. nerv. deiat. 5 no.6:916-920 N-D '55.

(BIOGRAPHIES,
Protopopov, Viktor P.)

TATARENKO N.P.

TATARENKO, N.P. (Khar'kov)

Certain controversial aspects in the theory of schizophrenia.
Zhur.nevr. i psikh.55 no.11:837-842 '55 (MLRA 8:11)
(SCHIZOPHRENIA,
Pavlovian theory)

TATARENKO, N.P.

Investigation of unconditioned reflexes and its clinical importance. Fiziol.zhur. [Ukr.] 2 no.4:76-81 Jl-Ag '56. (MLRA 9:10)

1. Kharkivs'kiy medichniy institut, kafedra psikhiatrii.
(REFLEXES)

TATARENKO, N.P.

Significance of the investigation of orientation reflexes at the psychiatric clinic. Zhur.vys.nerv.deiat. 6 no.3:360-364 My-Je '56. (MLRA 9:11)

1. Kafedra psikhiatrii Khar'kovskogo meditsinskogo instituta.

(REFLEX,
orientation unconditioned reflex, psychiatric value (Rus))
(ORIENTATION,
same)

TATARENKO, N. P. (Prof.) (Khar'kov)

K Klinike i Patofiziologii ipokhondricheskikh sostoyaniy p. 188
V sb Aktual'nyye Problemy Nevropatologii i Psikhiatrii, Kuybyshev 1957.

TATARENKO, N.P.

Principles and methods in evaluating results in the treatment of schizophrenia [with summary in French]. Zhur.nevr. i psikh. 58 no.6:722-727 '58 (MIRA 11:7)

1. Kafedra psikhiatrii (zav. - prof. N.P. Tatarenko) Khar'kovskogo meditsinskogo instituta.
(SCHIZOPHRENIA, therapy,
technic of evaluation of results (Rus))

TATARENKO, N.P., prof.

Problem of pain. Vrach. delo no.12:90-95 D '60. (MIRA 14:1)

1. Kafedra psikhiatrii (zav. - prof. N.P. Tatarenko) Khar'kovskogo meditsinskogo instituta. (PAIN)

TATARENKO, N.P.

On the theory of schizophrenia. Zhur.nevr.i psikh. 60 no.9:1155-1158 '60. (MIRA 14:1)

1. Kafedra psikhiatrii (zav. - prof. N.P.Tatarenko) Khar'kovskogo meditsinskogo instituta.
(SCHIZOPHRENIA)

TATARENKO, N.P. (Khar'kov); KRAVCHENKO-MIKHAYLOVA, K.V. (Khar'kov)

Perception disorders of central genesis and the hypochondriac syndrome. Trudy Gos. nauch. issl. psikhonevr. inst. 29:117-128 '63. (MIRA 17:8)

TATARENKO, N.P.; LIBERMAN, A.Ye.

Results and prospects for the use of some methodologies for physiological research in a psychiatric clinic. Zhur. vys. nerv. deiat. 14 no.2:351-357 Mr-Ap '64. (MIRA 17:6)

1. Chair of Psychiatry, Medical Institute, Kharkov, and Chair of Psychiatry, Ukrainian Institute for the Advancement of Physicians, Kiyev.

STEPANENKO, O.R., st. nauchn. sotr., otv. red.; LITVAK, L.B., zasl. deyatel' nauki, prof., zam. otv. red.; MAN'KOVSKIY, B.N., prof., red.; PANCHENKO, D.I., zasl. deyatel' nauki, prof., red.; TATARENKO, N.P., zasl. deyatel' nauki, prof., red.; SOKOLYANSKIY, G.G., prof., red.; GOLUBOVA, R.A., st. nauchn. sotr., red.

[Disorders of cerebral blood circulation (in the neurological clinic)] Rasstroistva mozgovogo krovoobrashcheniia (v nevrologicheskoi klinike). Kiev, Zdorov'ia, 1965. 258 p. (MIRA 18:9)

1. Ukrainskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut. 2. Ukrainskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut (for Litvak). 3. Otdel nevrologii Ukrainskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta (for Golubova). 4. Otdel vegetativnoy patologii Ukrainskogo nauchno-issledovatel'skogo psikhonevrologicheskogo instituta (for Stepanenko). 5. Kafedra nervnykh bolezney Donetskogo meditsinskogo instituta (for Panchenko).

TATARENKO, N.P.; KOROBOV, V.N.

New developments in the techniques for manufacturing leather from wild bear skins. Kozh.-obuv. prom. 2 no. 12:31 D '60. (MIRA 14:1)

(Leather)

TATARENKO, N.S., Cand Tech Sci—(diss) "Equivalent indexes of the performance of the fleet and harbor." Odessa, 1958. 22 pp (Min of the Maritime Fleet USSR. Odessa Inst of Engineers of the Maritime Fleet. Chair of Organization and Mechanization of Loading Operations); 150 copies (KL,30-58,128)

KURILENKO, A.I.; TATARENKO, O.F.; KARPOV, V.L.

Determination of the dynamic elasticity constants of polymeric materials in the field of action of γ-rays and fast electrons. Vysokom. soed. 7 no.8:1422-1426 Ag '65. (MIRA 18:9)

1. Fiziko-khimicheskiy institut imeni L.Ya.Karpova AN SSSR, Moskva.

CHEBURAKHIN, Aleksandr Yevseyevich; GRUDSKIY, Genrikh Rafailovich; TATARENKO, Stepan Leonidovich; SMIRNOV, G.S., redaktor; IVANOV, K.A., redaktor izdatel'stva; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Work practice of the dredge "Budennyi" of the Azov Administration of Seaways] Opyt raboty ekipazha zemsnariada "Budennyi" azovskogo upravleniia morskikh putei. Moskva, Izd-vo "Morskoi transport," 1956. 51 p. (MIRA 9:12)

(Dredging)

TATARENKO, V.

TATARENKO, V., starshiy prepodavatel'.

New method of unloading tankers. Mor.flot 17 no.8:20-22 Ag '57. (MIRA 10:10)

1.Odesskoy institut inzhenerov morskogo flota.
(Tank vessels) (Loading and unloading)

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[Regulations for the construction and safe operation of steam boilers and air tanks in industrial locomotives] Pravila ustroistva i bezopasnoi ekspluatatsii parovykh kotlov i vozdushnykh rezervuarov parovozov promyshlennykh predpriiatii. Obiazatel'ny dlia vsekh ministerstv, vedomstv i sovnarkhozov. Moskva, Ugletekhizdat, 1958. 25 p. (MIRA 12:7)

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